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56. (New) A host cell transformed or transfected with the expression vector according to claim 55.<sup>11</sup>

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57. (New) A process for producing a flt3-L polypeptide, comprising culturing a host cell according to claim 56<sup>12</sup> under conditions promoting expression, and recovering the polypeptide from the culture medium.

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58. (New) An isolated DNA encoding a flt3-ligand (flt3-L) polypeptide comprising the sequence of amino acids 28-188 of SEQ ID NO:2.

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59. (New) An expression vector comprising a DNA sequence according to claim 58.<sup>14</sup>

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60. (New) A host cell transformed or transfected with the expression vector according to claim 59.<sup>15</sup>

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61. (New) A process for producing a flt3-L polypeptide, comprising culturing a host cell according to claim 60<sup>16</sup> under conditions promoting expression, and recovering the polypeptide from the culture medium.

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62. (New) An isolated DNA encoding a flt3-ligand (flt3-L) polypeptide comprising the sequence of amino acids 28-182 of SEQ ID NO:6.

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63. (New) An expression vector comprising a DNA sequence according to claim 52.<sup>19</sup>

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64. (New) A host cell transformed or transfected with the expression vector according to claim 63.<sup>19</sup>

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65. (New) A process for producing a flt3-L polypeptide, comprising culturing a host cell according to claim 64<sup>20</sup> under conditions promoting expression, and recovering the polypeptide from the culture medium.

#### REMARKS

After the amendment, claims 12, 17, 22, 27, 49 through 65 are pending. The Examiner is respectfully requested to consider the amendments which are all fully supported by the specification. Since four new independent claims (50, 54, 58 and 62) are added by the amendment and 12 dependent claims added that were not previously paid for, applicants authorize the Commissioner to charge the required fee of \$78.00 for each independent claim.